

In the Claims

1. (Currently Amended) A method of communicating in a remote services system comprising:  
communicating a forward channel communication using a forward channel communication path;  
communicating a back-channel communication using a back-channel communication path, the back-channel communication path being established only after a forward channel communication path is established; and,  
using the back-channel communication path to multicast a message to a group of remote service components.
2. (Original) The method of claim 1 wherein the message being multicast is an administrative control message.
3. (Original) The method of claim 1 wherein the message being multicast is a bulk transfer request.
4. (Original) The method of claim 1 wherein the message being multicast is a bulk data response.
5. (Original) The method of claim 1 wherein the remote services system includes an intermediate mid level manager, the intermediate mid level manager performing the multicast.
6. (Original) The method of claim 5 wherein the remote services system includes an applications mid level manager, the applications mid level manager sending a request to the intermediate mid level manager to perform the multicast.
7. (Currently Amended) A method of communicating in a remote services system comprising:  
assigning a plurality of remote service components within the remote services system with a respective plurality of unique remote services identifiers;

communicating a forward channel communication using a forward channel communication path;  
communicating a back-channel communication using a back-channel communication path; and,  
using the back-channel communication path to multicast a message to a group of remote services components based upon unique remote services identifiers corresponding to components of the group of remote service components.

8. (Original) The method of claim 7 wherein the message being multicast is an administrative control message.

9. (Original) The method of claim 7 wherein the message being multicast is a bulk transfer request.

10. (Original) The method of claim 7 wherein the message being multicast is a bulk data response.

11. (Original) The method of claim 7 wherein the remote services system includes an intermediate mid level manager, the intermediate mid level manager performing the multicast.

12. (Original) The method of claim 11 wherein the remote services system includes an applications mid level manager, the applications mid level manager sending a request to the intermediate mid level manager to perform the multicast.

13. (Currently Amended) A remote services system comprising:  
a plurality of remote service components, the plurality of remote service components including a respective plurality of unique remote services identifiers;  
a forward channel communication path coupled to the plurality of remote service components;  
a back-channel communications path coupled to the plurality of remote service components, the back-channel communications path allowing multicast of a

message to a group of components based upon unique remote services identifiers corresponding to components of the group of remote service components.

14. (Original) The system of claim 13 wherein the message being multicast is an administrative control message.
15. (Original) The system of claim 13 wherein the message being multicast is a bulk transfer request.
16. (Original) The system of claim 13 wherein the message being multicast is a bulk data response.
17. (Original) The system of claim 13 wherein the plurality of components includes an intermediate mid level manager, the intermediate mid level manager performing the multicast.
18. (Currently Amended) The system of claim 17 wherein the plurality of remote service components includes an applications mid level manager, the applications mid level manager sending a request to the intermediate mid level manager to perform the multicast.